

IN THE CLAIMS:

Please enter the following amended claims as follows:

Claims 1-21 are cancelled.

22. (currently amended) A method of recirculating carbon dioxide from a flow of gas through a gas turbine engine comprising a compressor region upstream of a an arrangement comprising combustion means, a turbine region downstream of said combustion means and an exhaust nozzle downstream of said turbine region, the method comprising supplying air to the compressor region, supplying fuel to the combustion means, burning said fuel in the air in said combustion means to produce exhaust gases, extracting carbon dioxide from the exhaust gases and a path for the flow of gas through the combustion means, the method comprising extracting carbon dioxide from a first region downstream of the turbine region, combustion means, supplying carbon dioxide depleted exhaust gases to the exhaust nozzle, condensing the extracted carbon dioxide and thereafter feeding the condensed carbon dioxide to a second region upstream of the combustion means without adding any constituent thereto, the second region comprising the compressor region.

23. (original) A method according to Claim 22, wherein the step of condensing the extracted carbon dioxide comprises providing heat removal means to remove heat from the carbon dioxide and compressing the carbon dioxide prior to removing said heat from the carbon dioxide.

24. (original) A method according to Claim 23, wherein the heat removal means comprises cooling means to cool the carbon dioxide to effect said condensation thereof.

25. (original) A method according to Claim 22, wherein the step of feeding the condensed carbon dioxide to the second region of the engine comprises spraying the condensed carbon dioxide to the second region to form a fog of the carbon dioxide in the second region.

26. (original) A method according to Claim 22, wherein the step of feeding the carbon dioxide to the second region of the arrangement comprises atomising the condensed carbon dioxide.
27. (withdrawn) A method according to Claim 22, wherein the arrangement comprises a heat engine or a fuel cell.
28. (cancelled).
29. (cancelled).
30. (withdrawn) A method according to Claim 28, wherein the compressor region comprises first and second compressors arranged in axial flow series in the path, and the step of feeding the carbon dioxide to the second region of the path comprises feeding the carbon dioxide to one or more of: the inlet of the compressor region; between the first and second compressors; and to the outlet of the compressor region.
31. (withdrawn) A method according to Claim 28, wherein the engine may comprise a heat exchanger to exchange heat between gas entering the combustion means and gas exhausted from the combustion means, and the step of feeding the condensed carbon dioxide to the second region comprises feeding the carbon dioxide to the outlet of the compressor region.
32. (withdrawn) A method according to Claim 31, wherein the compressor region comprises first and second compressors and the step of feeding the condensed carbon dioxide to the compressor region also includes feeding some of the condensed carbon dioxide between the first and second compressors and/or to the inlet of the compressor region.